

FILE CODE Radiological Health - Gamma survey DATE 4/10/79
NAME John D. Critser PHONE _____ ADDRESS (b) (6)
TYPE OF REQUEST Development map for Village South

REDACTED

Gamma survey

CONDITIONS FOUND AND ACTION TAKEN Did survey of developed and undeveloped lots. Sent letter and maps with gamma readings to Mr. Critser.

INVESTIGATED BY K.B. Moore & J.W. Hall DATE 4/10/79
RAD/9 Radiological Health Investigation and Complaint Card

SITE: Florida Phosphate
BREAK: 17.8
OTHER: v. 4d



10518251

FILE CODE RAD HEALTH - GAMMA SURVEY DATE 6/19/79

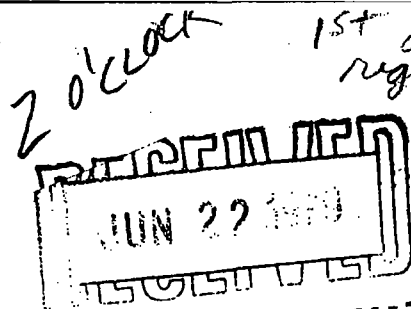
NAME LAURA JORDAN PHONE (b) (6) ADDRESS (b) (6)

TYPE OF REQUEST WANTS home checked

CONDITIONS FOUND AND ACTION TAKEN N/A A GAMMA SURVEY

INSIDE & OUTSIDE, INSIDE READINGS
RANGED FROM 5-6 uR/hr. OUTSIDE READINGS
WERE 3-4 uR/hr. NO REPAIRS INSTALLED.
DWELLER PLEASED,

INVESTIGATED BY KB/M DATE 6/20/79
RAD/9 Radiological Health Investigation and Complaint Card



(b) (6)

(b) (6)

Dear Sirs,

after
LK MARIA
PIP KIN
VATES
EWELL
where 0

Please send your specialists to do a survey of our property for radiation. We have reason to believe we live on reclaimed IMC land. There have been no surveys done in this area. We are interested in making necessary improvements if the survey indicates the need. Please call as soon as possible at any time.

Sincerely Mrs. Laura Jordan
Mr. David S. Jordan

CARD 1 LOCATION NO. CITY COUNTY STATE DATE FORM COMPLETED MONTH YEAR

NUMRPR (b) (6) DIR (b) (6) NAME (b) (6)

OCCUPANTS NAME (Last Name First - Initials for first and middle name-husband and wife)

OWNERS NAME (Last Name First - Initials for first and middle name-husband and wife)

(OWNERS ADDRESS)

CLASSIFICATION 77

GAMMA SCREEN 78

ANOMALY RADIATION 79 GAMMA MAP 80

0. Vacant Lot 0. None 0. None

1. Residence single family 1. Completed 1. Under

2. Multiple (> 4 families) 2. Occupant refusal 2. Away

3. Apartment (> 4) 3. No - ask owner 3. Under-Away

4. Motel, hotel, or hospital 4. Owner refusal 4. Possible

5. Single business (in one unit) 5. No one to contact 5. Unknown

6. Multiple business unit (connected) 6. No bad address

7. School 7. Outside only

8. Church 8. Special scheduling

9. Other 9. Other

CARD 8 LOCATION NUMBER CITY COUNTY STATE

LOCATION CODE Twosp Range Section 1/4 Sec. Block Owner Number Lot

HOG LOG HIG LOCATION HIG

TYPE OF STRUCTURE 47 NUMBER OF LEVELS 48 MATERIAL 49 A/C 50

FREE PUNCH COMMENT

0. Bedroom 46

1. Living Room

2. Kitchen

3. Den-Family Room

4. Dining Room

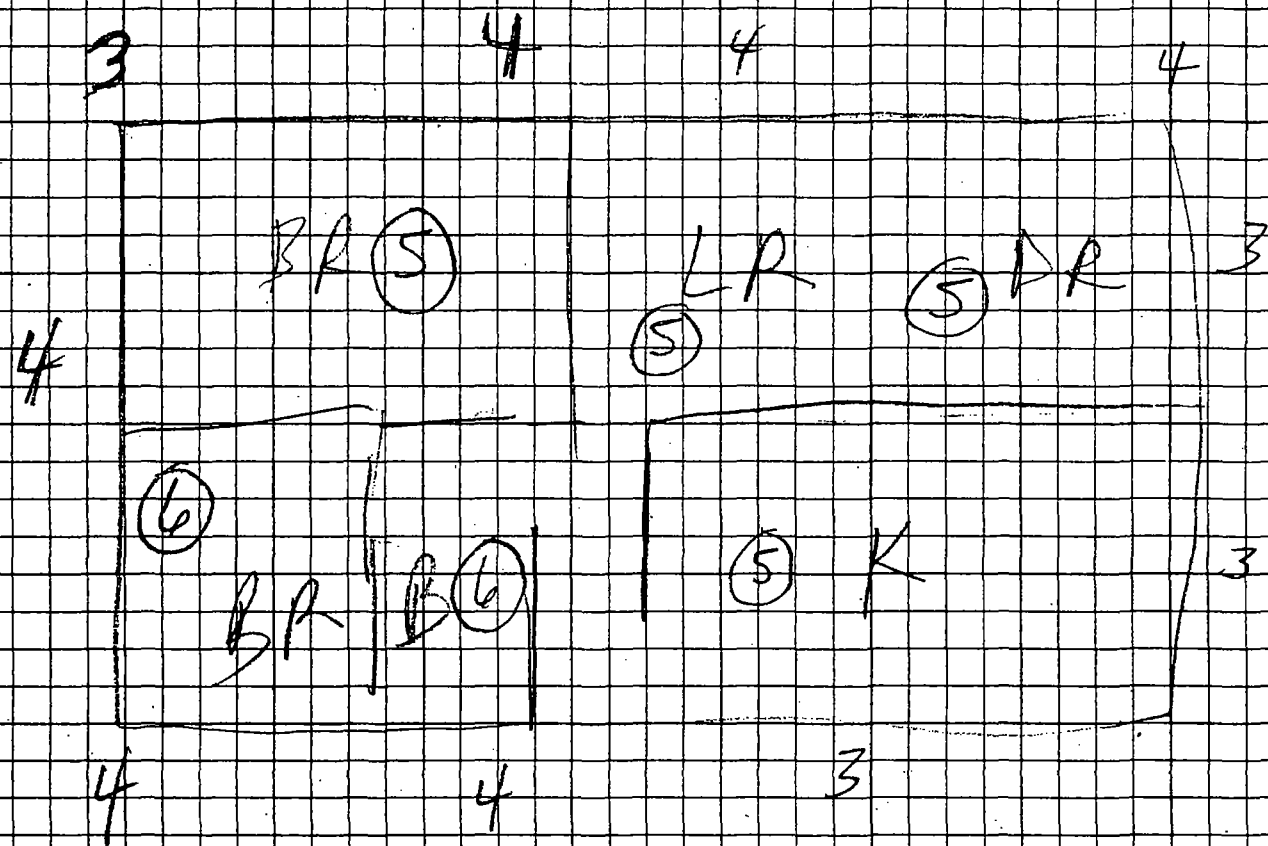
5. Attached Garage

6. Basement

7. Work shop

8. Other

9. More than one locatio



FILE CODE RADON - GAMMA SURVEY

DATE 8-22-86

NAME Dolores Coldeen

PHONE (b) (6)

ADDRESS (b) (6)

TYPE OF REQUEST

WANTED + SURVEY OF HOME. - NOT ON RECLAIMED
LAND.

CONDITIONS FOUND AND ACTION TAKEN

all background readings inside +
outside of home.

INVESTIGATED BY

Tom McNally

DATE

8-22-86

RAD/9 Radiological Health Investigation and Complaint Card

FILE CODE NAD Health - Survey

DATE 31 Jul 84

NAME Elaine Lashkajani

PHONE _____

ADDRESS (b) (6)

TYPE OF REQUEST Survey and possible IRD Testing

CONDITIONS FOUND AND ACTION TAKEN

Survey performed men outside
gamma = 5 uR/hr and ~~men~~ outside main = 6 uR/hr

men inside gamma level = 5 uR/hr

Explanation of gamma levels vs WH

Mrs Lashkajani was satisfied with survey and explanation

Letter follows

INVESTIGATED BY [Signature]

DATE 1 AUG 84

RAD/9 Radiological Health Investigation and Complaint Card

July 30, 1984

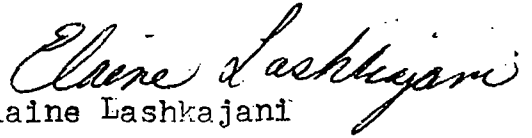
To: Mr. Michael Gilly
Polk County Health Dept.

Dear Mr. Gilly,

I am formally requesting that a "walk around" survey
and air-quality sample procedure to test for Radon be conducted
at (b) (6)

Electricity is available at this address and I have received
verbal permission from the builder/owner, (b) (6) for
these tests to be conducted.

Thank you very much.


Mrs. Elaine Lashkajani

DISTRICT SIX
POLK COUNTY HEALTH DEPARTMENT

DIRECT SERVICE UNITS

1755 HOLLAND PKWY., SOUTH
BARTOW, FLORIDA 33830
111 NORTH 11TH STREET
HAINES CITY, FLORIDA 33844

WILLIAM F. HILL, JR., M.D.
DIRECTOR

P.O. BOX 1480
229 AVENUE D, N.W.
WINTER HAVEN, FLORIDA
33880

OFFICE OF RADIATION CONTROL
813 294-7481 ext 283

DIRECT SERVICE UNITS

1333 NORTH FLORIDA AVENUE
LAKELAND, FLORIDA 33801
305 WEST CENTRAL AVENUE
LAKE WALES, FLORIDA 33853

August 3, 1984

Mrs. Elaine Lashkajani

(b) (6)

RE: (b) (6)

Mrs. Lashkajani:

As per request, a representative of this office performed a gamma-screen survey at the residence at (b) (6)
(b) (6)

As discussed during the time of that survey, the inside and outside gamma exposure levels did not exceed the levels (5 microR/hr) that are considered normal background in the Central Florida area. If you need any further clarification of any topic of our discussion, please contact this office.

Thank you for your interest in Radiological Health.

Sincerely,

Norman M. Gilley
Public Health Physicist Supervisor

FILE CODE Gamma survey

DATE 6/17/85

NAME Almeric

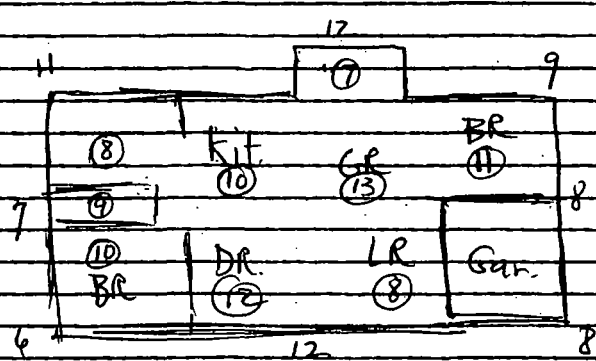
PHONE (b) (6)

ADDRESS (b) (6)

TYPE OF REQUEST Gamma survey

CONDITIONS FOUND AND ACTION TAKEN

6-18-85



Survey done with
Lucy 125 # 7152

INVESTIGATED BY SW

DATE 6/18

RAD/9 Radiological Health Investigation and Complaint Card

4

5

4



5210 Sorento

DISTRICT EIGHT POLK COUNTY HEALTH DEPARTMENT

WILLIAM F. HILL, JR., M.D.
DIRECTOR

P.O. BOX 1480
229 AVENUE D, N.W.
WINTER HAVEN, FLORIDA
33880

December 23, 1977

DIRECT SERVICE UNITS

1755 HOLLAND PKWY., SOUTH
BARTOW, FLORIDA 33830

111 NORTH 11TH STREET
HAINES CITY, FLORIDA 33844

305 WEST CENTRAL AVENUE
LAKE WALES, FLORIDA 33853

103 EAST CANAL STREET
MULBERRY, FLORIDA 33860

DIRECT SERVICE UNITS

1333 NORTH FLORIDA AVENUE
LAKELAND, FLORIDA 33801

P.O. BOX 33
WAVERLY, FLORIDA 33877

2 NORTH REEDY BLVD.
FROSTPROOF, FLORIDA 33843

243 E. LAKE AVENUE
AUBURNDALE, FLORIDA 33823

A. M. Vargesk

(b) (6)

Dear Sir:

In regards to the house constructed on Lot No. 26 located in (b) (6) after analyzing the results from test equipment left at various spots on the lot and also from a gamma map of the property, the following conclusions can be drawn.

1. Outside gamma readings ranged from 8 to 10 microroentgens per hour this is slightly higher than average background of 5 to 7 microroentgens per hour but the increase over background is minimal and not expected to cause any problem at all.
2. From the radon absorption canisters we placed at various points in the yard an average radon emanation rate of 31 attocuries per square centimeter per second was calculated. This figure falls well below the 50 aCi/Cm² second upper limit recommended by the U. S. Environmental Protection Agency. Therefore due to the low emanation rate it is not expected that there would be a significant build-up of radon gas in the structure located on this lot.

I hope that we have been of help in answering your question. Please call on us if we may be of any further help.

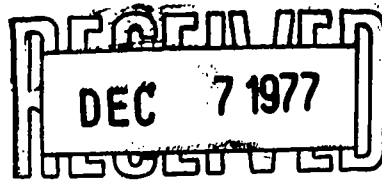
Sincerely,

Harlan Keaton
Industrial Hygienist

HK:dlh

Send Letter

(b) (6)



12/5/77

Harlan,

12-8-77

HWK

As instructed in my recent ~~letter~~ communication with you 12/5/77, I am hereby requesting a radiation gas test to be performed on lot No. 26 (b) (6) Address of dwelling being (b) (6)

Permission to this type of test has been granted by the owner, one Woodrow Jackson who resides at (b) (6)
(b) (6) He can be reached at phone

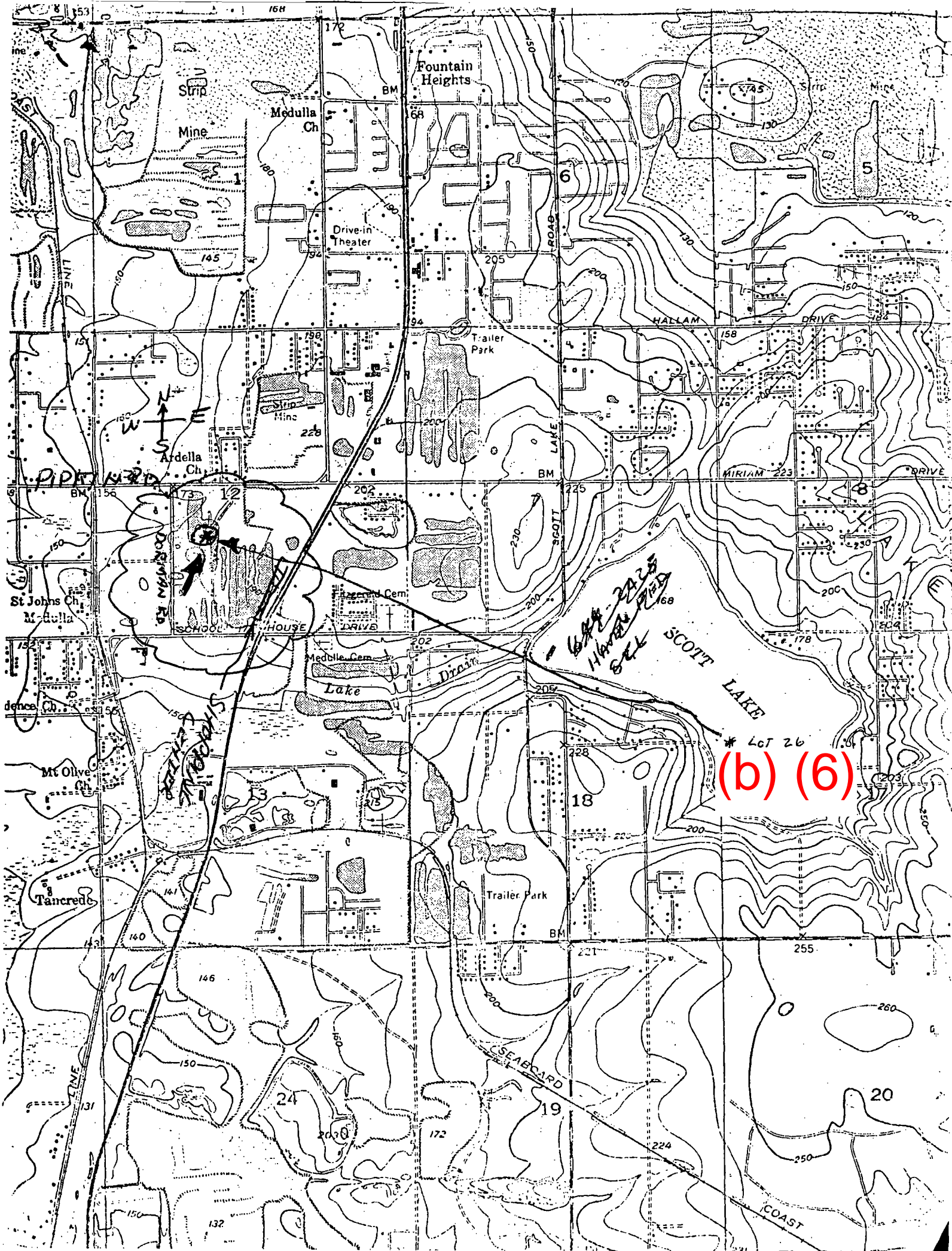
I may be reached at the office 646-7659 or at home (b) (6) if needed. The owner has a key to the property and so do we.

I would appreciate it if a copy of the results of the test could be sent to me at my present address since the tentative closing date on the Soranto property is 12/16/77.

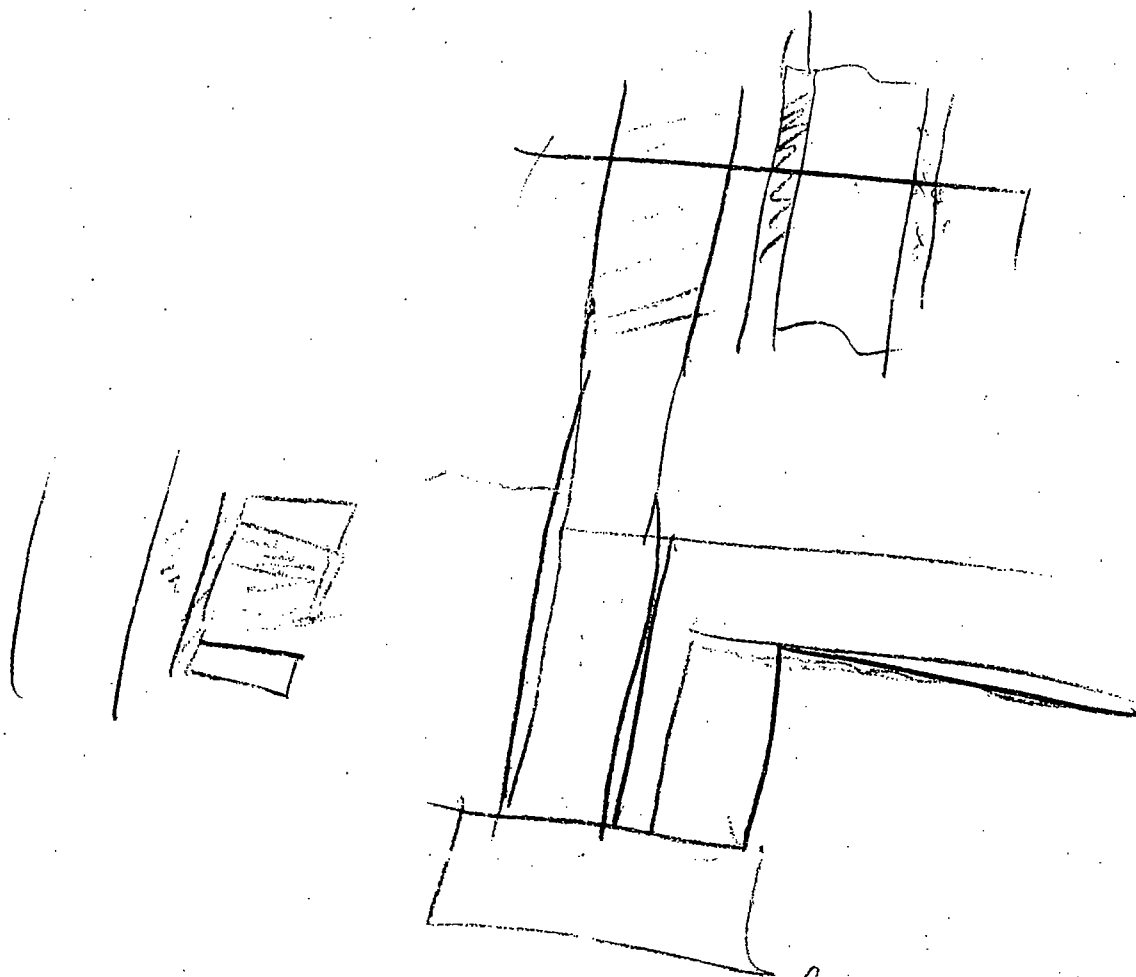
P.S. Enclosed is a map showing inc. Reclaim areas.

Very Truly Yours.
A.M. VARGESKO
A.M. VARGESKO

(b) (6)



(b) (6)



Shaded Areas
Reclaimed land
from mining operations
Radiation Resistant



FLORIDA ENVIRONMENTAL RADIATION DATA FILE
HOME SURVEY AND QUESTIONNAIRE

MEASURE-
MENT
TYPE

H
1

SAMPLE
TYPE

X
2

COUNTY

53
3 4

YEAR

77
5 6

MONTH

12
7 8

DAY

08
9 1
0

24-HOUR TIME

1000
1 2 3 4

RECORD 1.1
NUMBER

TOWNSHIP

295
1 6 7
5

RANGE

2BE
8 9 2
0

SECTION

12
1 2

PART OF
SECTION

SW
3 4

LAND
CLASS

R
5

LAND
USE

R
6

SOIL-COMPOSITION
SURFACE SUB-SURFACE

~~0~~ ~~0~~
7 8 9 3 1 2
0

INSTRUMENT
TYPE

S G
3 4
3

COMMENTS: ADDRESS, DIRECTIONS, ETC.

(b) (6)

(b) (6)

5 / 8 9 6 1 2 3 4 5 6 7 8 9 7 1 2 3 4 5 6 7 8 9 8
6 0 0

LOCATION
NUMBER

No LOCO
ASSEN
1 2 3 4 5

OCCUPANTS NAME

V A R G E S K O
6 7 8 9 9 1 2 3 4 5 6 7 8 9 1
0

STRUCTURE STURCTURE
CLASS TYPE

1 2
1 1
0 0
1 2

NUMBER
OF LEVELS

01
1 1
0 0
3 4

CONSTRUCTION
MATERIAL

1
1
0
5

A/C
USEAGE

NA
1
0
6

A/C
FRESH
AIR CYCLE

NA
1
0
7

GAMMA
MAP

1
1
0
9

LOG

1 1 1 1 1
1 1 1 1 1
0 1 2 3 4

MOG

1 1 1 1 1
1 1 1 1 1
5 6 7 8 9

HOG

1 1 1 1 1
2 2 2 2 2
0 1 2 3 4

LOCATION
OF HIG

1

LIG

1 1 1 1 1
2 2 2 2 2
5 6 7 8 9

MIG

1 1 1 1 1
3 3 3 3 3
0 1 2 3 4

HIG

1 1 1 1 1
3 3 3 3 3
5 6 7 8 9

TRACK-ETCH

1 1 1 1 1
4 4 4 4 4
1 2 3 4 5

BADGE NUMBERS

1 1 1 1 1
4 4 4 4 5
6 7 8 9 0

LUDLUM SER. NUMBER

3839
1 1 1 1 1
5 5 5 5 5
1 2 3 4 5
BPA

TLD NUMBER

1 1 1 1 1
5 5 5 5 6
6 7 8 9 0

INDOOR RADON SCREENING FORM

Location File

Location No.

1	2	3	4	5

City

1	6	7	0
6	7	8	9

County

1	0	5
11	12	13

State

1	2
15	16

Address

Number

	(b) (6)
18	19

Street

(b) (6)
24

Occupant

Code

A

V	A	R	G	E	S	K	O										
40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57

Data File (CARD A)

Location No.

1	2	3	4	5

GF
Gamma

7	8	9

Outdoor Gamma

11	12	13

Classification

1
27

Type Structure

2
29

No. of Levels

1
31

Material

1
33

Air
Conditioning

35

- 0. Vacant Lot
- 1. Residence single family
- 2. Multiple (4 families)
- 3. Apartment (>4)
- 4. Motel, hotel
- 5. Single business
- 6. Multiple business
- 7. School
- 8. Church
- 9. Other

- 1. Basement
- 2. Slab on grade
- 3. Crawlspace
- 4. Trailer
- 5. Unknown

- 1. Masonry
- 2. Non-masonry

- 1. Yes
- 2. No

Date

Yr Mo Day

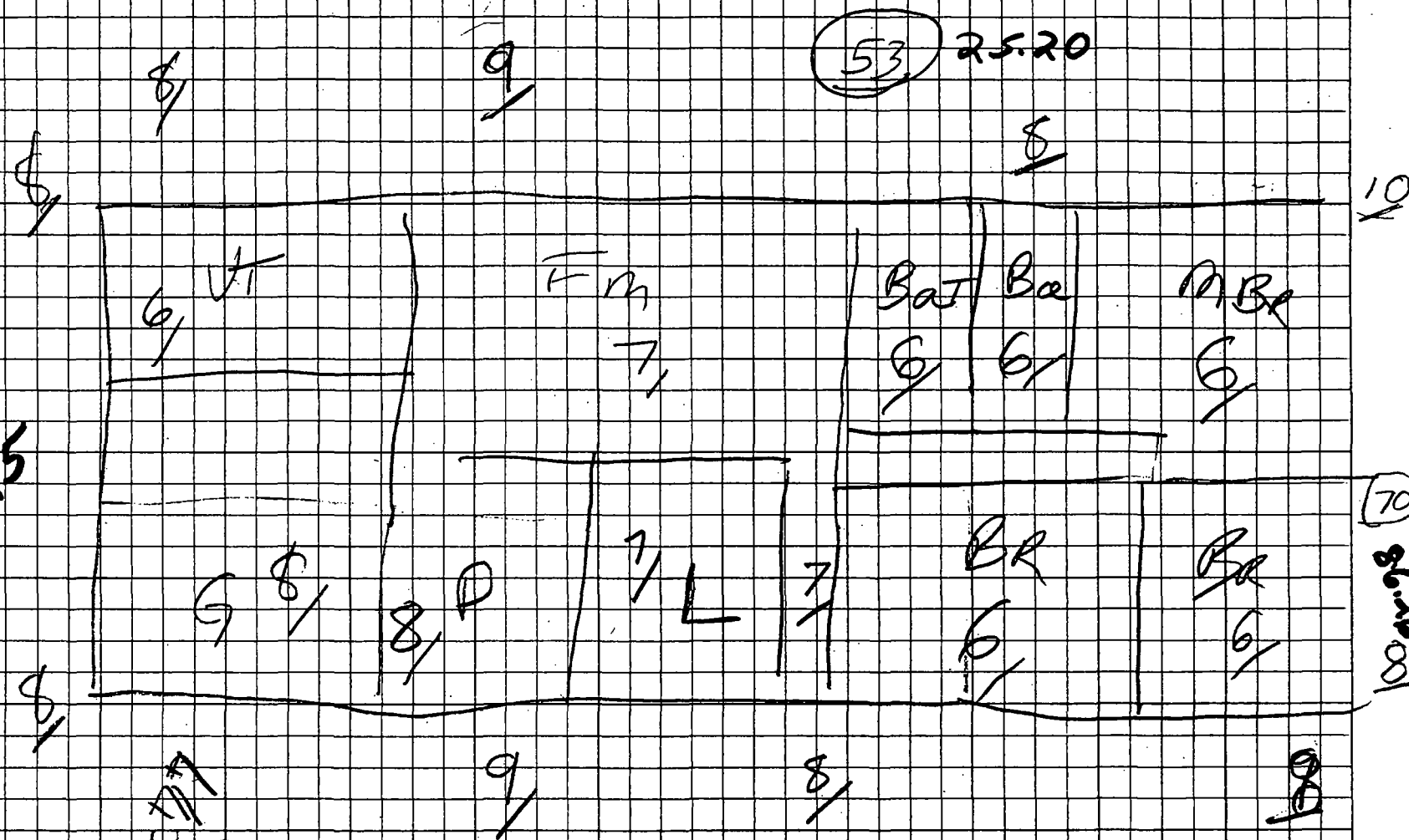
7	7	1	2	0	8
37	38	39	40	41	42

Card Code

O	R	I	G
77	78	79	80

$aCi/cm^2 \cdot sec$

$\bar{x} = 31.04$



6.25

8 Dec 77
10000

53 25.20

54 6.46

FILE CODE Gamma Survey

DATE 2-4-86

NAME SHEPHERD Rd. PRESB. CHURCH. PHONE _____

ADDRESS 1217 Shepherd Rd, LKld

TYPE OF REQUEST _____

Gene Hansdale.

33803

Request to & Survey land next to old Church
where new church is to be built.

CONDITIONS FOUND AND ACTION TAKEN

Gamma Survey performed -
7 to 12 uR/hr range.

(See back)

INVESTIGATED BY

Tom McDally

DATE

2-4-86

RAD/9 Radiological Health Investigation and Complaint Card

North

	9	10	10	10	11	12	11	
	8	9	8	9	9	10	11	10
	8	9	9	10	9	11	10	11
	8	8	8	9	10	8	9	10
	7	7	8	7	8	8	8	

EXISTING
Bldg.

EAST

Shepherd Rd.
Presbyterian
Church

Shepherd Rd.
(South)

INITIAL

REMARKS ON FOLLOW-UP VISITS

DATE



DISTRICT SIX POLK COUNTY PUBLIC HEALTH UNIT

DIRECT SERVICE UNITS

1755 HOLLAND PKWY SOUTH
BARTOW, FLORIDA 33830

111 NORTH 11TH STREET
HAINES CITY, FLORIDA 33844

G.A. REICH, M.D. M.P.H.
DIRECTOR

229 AVENUE D N.W.
P.O. BOX 1480
WINTER HAVEN, FLORIDA
33882-1480

DIRECT SERVICE UNITS

1333 NORTH FLORIDA AVENUE
LAKELAND, FLORIDA 33805

305 WEST CENTRAL AVENUE
LAKE WALES, FLORIDA 33853


Gene Lanadale
Shepherd Road Presbyterian Church
1217 Shepherd Rd.
Lakeland, Fla. 33803

Dear Sir:

A gamma radiation survey was performed on the property adjacent to the existing church at 1217 Shepherd Rd. on Feb. 4, 1986 upon your request. The gamma exposure rates varied from 7 to 12 micro-R per hour (uR/hr), with the average being 9 uR/hr. Normal background radiation in Florida is 4 to 7 uR/hr. As you can see, the radiation levels measured on this property are only slightly higher than background radiation. We generally would not expect to see a problem with radon daughter concentration in a building built on property with these gamma rates.

If you have any further questions, please do not hesitate to call.

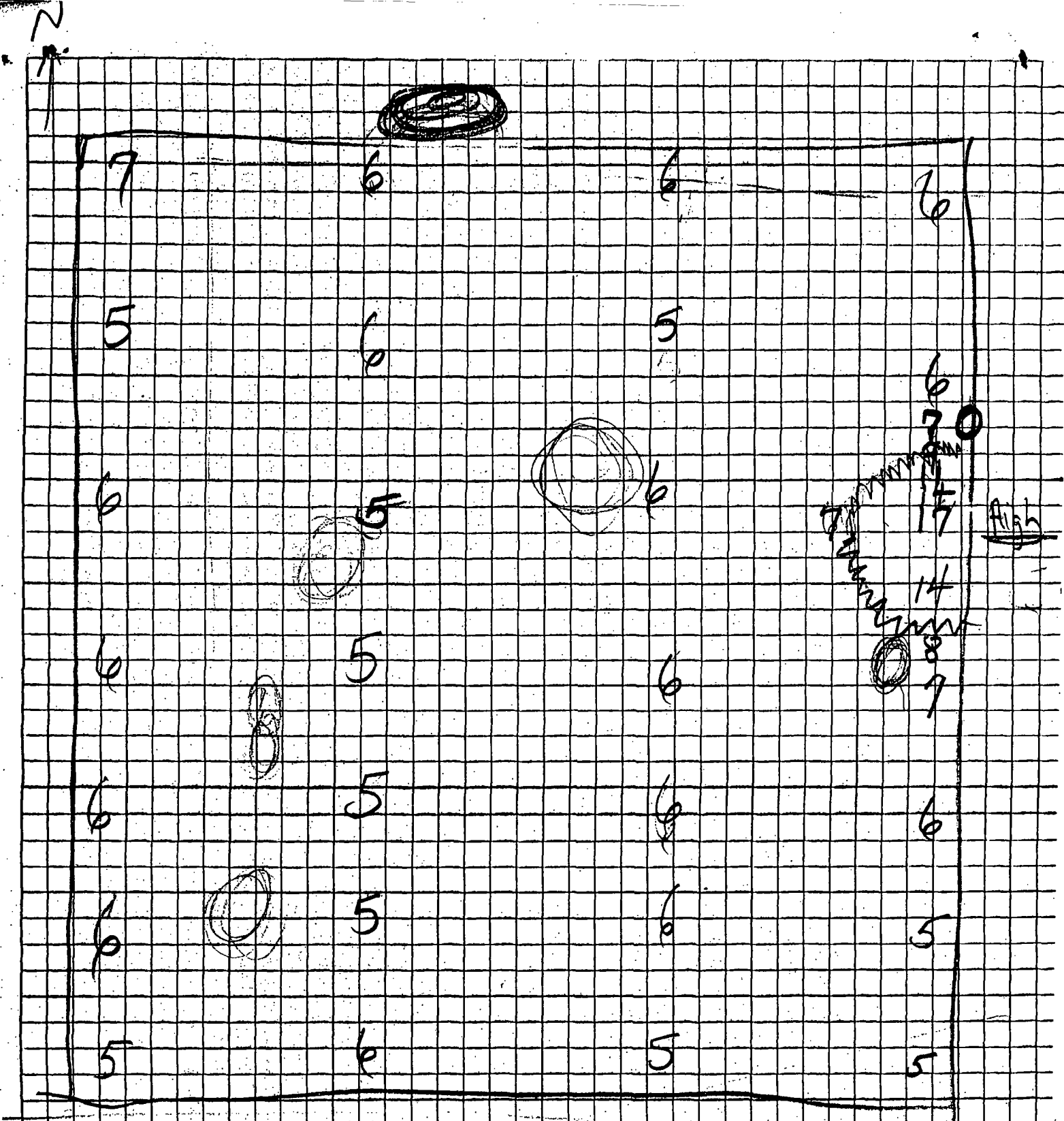
Sincerely,


Tom McNally
Public Health Physician

Field Report
x Rad. Contamination

POLK COUNTY HEALTH DEPARTMENT

FIELD REPORT ON **(b) (6)** [initials]
TOWN VISITED Lfld. DATE 4/26/77
OWNER OF PROPERTY Paul Dimbath PERSON SEEN noone
BY WHOM W. Hall K. Moore TIME SPENT 45 min.
REASON FOR VISIT Survey lot — gamma map
(Requested by Ralph Lloyd - 646-2911)
REPORT: See attached map.



Lt. #166
Shadown Ln.
Christina Villa

Street



STATE OF FLORIDA

DISTRICT FOURTEEN

DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES

POLK COUNTY PUBLIC HEALTH UNIT

RADIOLOGICAL HEALTH SECTION / WATER LABORATORY
225 AVENUE D, N. W., WINTER HAVEN, FL 33881

PHONE (941) 291 - 5204
FAX (941) 291 - 5208

April 26, 1996

Robert Horvath

(b) (6)

Mr. Horvath,

Gamma exposure rate measurements were made at (b) (6), (b) (6), on April 25, 1996. The instrument used was a Ludlum model 12-S, micro-R meter. These measurements indicate that the gamma exposure rates outside range from 15 to 20 microRem per hour (uRem/hr) and inside 12 to 15 uRem/hr.

The average background gamma exposure rate in Polk County is approximately 5 to 7 uRem/hr, although in many mined areas, and within the phosphate industry, the rates may be considerably higher.

Assuming a person was living in the house for 24 hrs/day and 365 days/year, their cumulative exposure for the year would be approximately 123 milliRem (mRem). This is compared to an annual exposure of about 50 to 60 mRem in a house with an exposure rate of 6 uRem/hour.

I have enclosed a couple of papers which may be useful in comparing these exposures to other sources of gamma exposures. I believe that you will see that this additional exposure of about 60 uRem/year is not very significant.

If you have any further questions, please feel free to call.

Sincerely,

Tom McNally
Tom McNally
Health Physicist

FILE CODE RAD - Gamma Survey

DATE 16 MAR 81

NAME Dr David Boris

PHONE _____

ADDRESS (b) (6)

TYPE OF REQUEST Survey

CONDITIONS FOUND AND ACTION TAKEN

Gamma Survey performed & Soil Sample
16 MAR 81 - M.G. WTN

27 MAR 81 - Performed Survey & Soil Samples Across Road
US Steel Property

2 APR Finish Plot Plan & convert Readings etc

INVESTIGATED BY

M.G. WTN

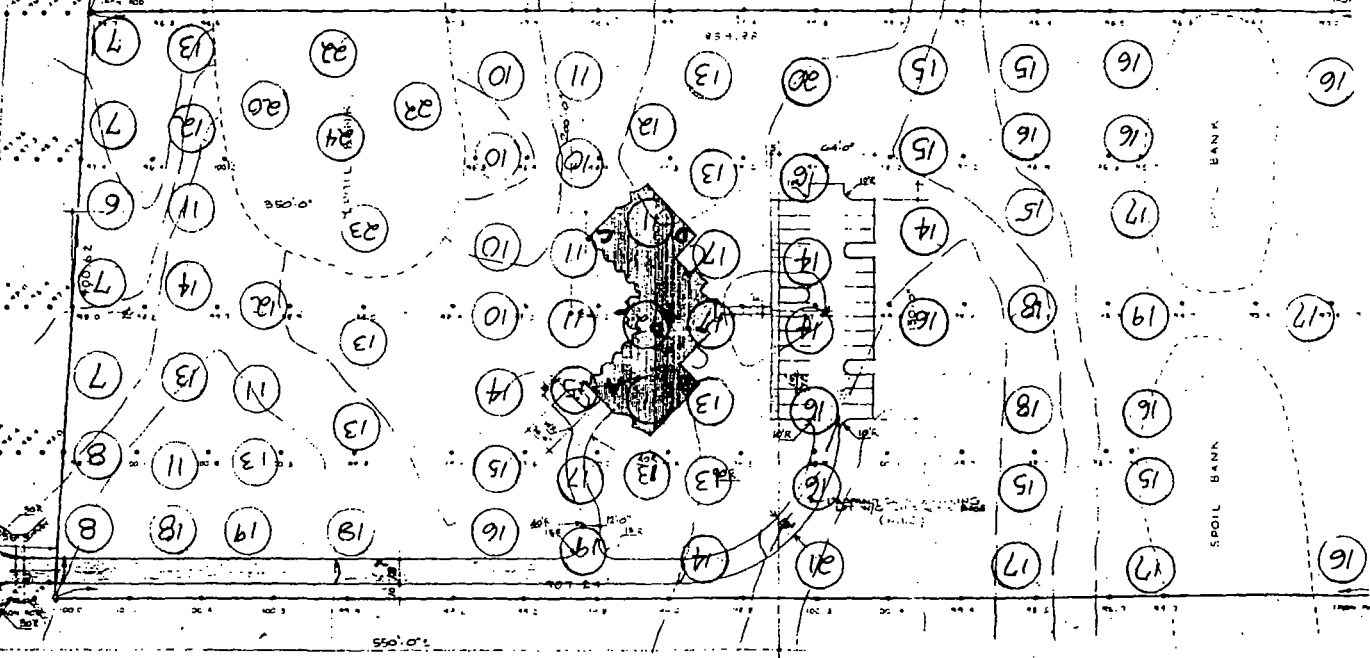
DATE

M.G. WTN APR 2, 81

RAD/9 Radiological Health Investigation and Complaint Card

XX All Reading are in
micro R/hr. Exposed
Rate measured by

SR. 60 WESTBOUND LANE
40' GRASS MEDIAN
SR. 60 EASTBOUND LANE



NOTE

1. BENCH MARK IS IRON ROD AT THE N.E. CORNER
2. PROPERTY CORNERS SET AS SHOWN BY
CHARTAIN - SKILLMAN, INC. 4/29/80

SITE PLAN



FILE CODE RAD - Gamma Survey

DATE 16 MAR 81

NAME Dr David Boris

PHONE _____

ADDRESS (b) (6)

TYPE OF REQUEST Survey

CONDITIONS FOUND AND ACTION TAKEN

Gamma Survey performed & Soil Sample
16 mar 81 - M.G. WTN
27 mar 81 - performed survey & soil samples across road
US Steel property

2 Apr Finish Plot Plan & convert Readings etc

INVESTIGATED BY

M.G. WTN

DATE

M.G. WTN Apr 2, 81

RAD/9 Radiological Health Investigation and Complaint Card

CARD LOCATION NO. COUNTY STATE MONTH YEAR
A 71406 105 12 06 78
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

ADDRESS

NUMBER DIR. (b) (6) (Imperial Lakes)

20 21 22 23 24 (Last Name First - Initials for first and middle name-husband and wife)

OCCUPANTS NAME SILVERS

41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58

(Last Name First - Initials for first and middle name-husband and wife)

OWNERS NAME SAME

59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76

(OWNERS ADDRESS)

CLASSIFICATION

1

- 0. Vacant Lot
- 1. Residence single family
- 2. Multiple (> 4 families)
- 3. Apartment (> 4)
- 4. Motel, hotel, or hospital
- 5. Single business (in one unit)
- 6. Multiple business unit (connected)
- 7. School
- 8. Church
- 9. Other

GAMMA SCREEN

1

- 0. None
- 1. Completed
- 2. Occupant refusal
- 3. No - ask owner
- 4. Owner refusal
- 5. No one to contact
- 6. No bad address
- 7. Outside only
- 8. Special scheduling
- 9. Other

ANOMALY

RADIATION 0

GAMMA MAP 1

- 0. None
- 1. Under
- 2. Away
- 3. Under-Away
- 4. Possible
- 5. Unknown

- 0. None
- 1. Yes
- 2. Occupant-No
- 3. No ask owner
- 4. Owner-No
- 5. No one to se

CARD LOCATION NUMBER COUNTY STATE
8 71406 105 12
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

LOCATION CODE Twosp Range Section 1/4 Sec. Block Owner Number Lot
T295 R23E 27 NW 24 25 26 27 28 29 30

HOG LOG HIG LOCATION HIG

TYPE OF STRUCTURE

2

- 1. Basement
- 2. Slab on grade
- 3. Crawl space
- 4. Trailer
- 5. Unknown

NUMBER OF LEVELS

1

MATERIAL

1

- 1. Masonry
- 2. Non-masonry

A/C

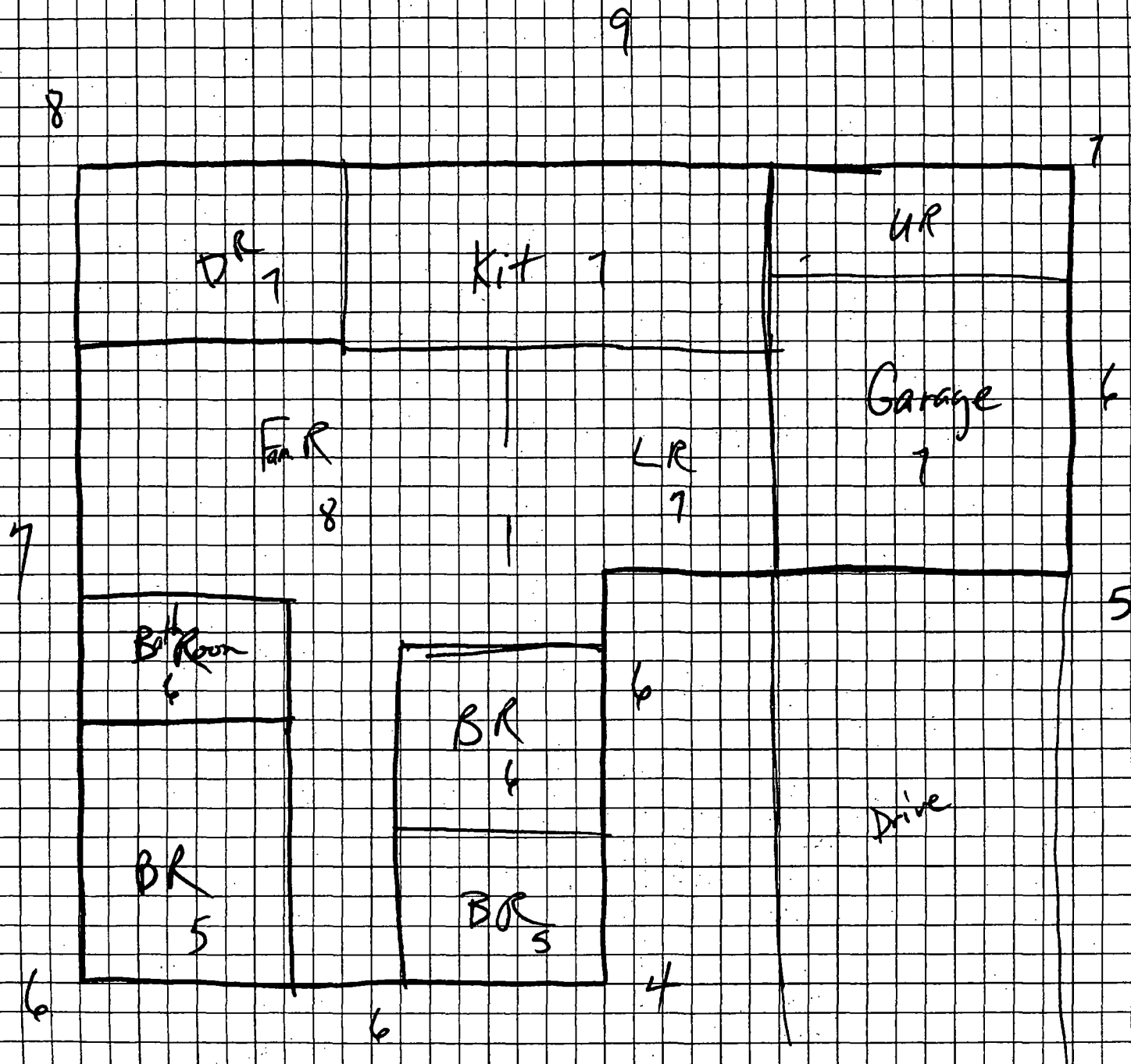
1

- 1. Yes
- 2. No

- 0. Bedroom
- 1. Living Room
- 2. Kitchen
- 3. Den-Family Room
- 4. Dining Room
- 5. Attached Garage
- 6. Basement
- 7. Work shop
- 8. Other
- 9. More than one locatio

FREE PUNCH COMMENT

51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66
67 68 69 70 71 72 73 74 75 76 77 78 79 80



Street

Lot/um # 7152 (PC)

MR. HARLAN KEATON
POLK COUNTY RADIOLOGICAL HEALTH
P.O. BOX 1480
WINTER HAVEN, FLA. 33880

APRIL 15, 1980

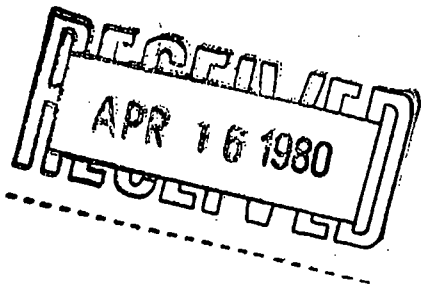
DEAR SIR,

A PHOSPHATE COMPANY IS PREPARING TO MINE ADJACENT
TO MY HOME SITUATED APPROXIMATELY (b) (6)
(b) (6) I AM DEEPLY CONCERNED AS TO THE EFFECTS
THIS MINING OPERATION WILL HAVE ON THE RADIATION LEVEL
AND WATER CONTAMINATION ON MY PROPERTY, MY DRINKING WATER
COMES FROM A WELL.

I REQUEST YOUR SERVICES IN OBTAINING A RADIATION
READING AND WATER ANALYSIS ON MY PROPERTY IN ORDER TO
ESTABLISH A NORMAL CONTAMINATION LEVEL AT THE PRESENT
TIME. THESE FACTS ON HAND WOULD ALLOW ME TO MONITOR
ANY RISE IN THE CONTAMINATION LEVEL AFTER MINING
OPERATIONS COMMENCE TO SAFEGUARD THE HEALTH OF MY
FAMILY.

SINCERELY YOURS,

Harold S. Harg



DIRECTIONS TO
RESIDENCE
ATTACHED

(b) (6)

(b) (6)

September 16, 1980

Donald G. Haag

(b) (6)

Dear Mr. Haag:

I am enclosing a copy of our field report showing the results of the gamma survey of your property. The readings shown are slightly above "background," but are not nearly high enough to present a problem.

The water sample we took had a radium-226 content of 4.1 picoCuries per liter. This is below the 5.0 pCi/l standard set by E.P.A. in the Safe Drinking Water Act.

If you have any questions concerning this or if we could be of any further service to you, please call.

Sincerely,

Wesley Nall
Public Health Physicist I

POLK COUNTY HEALTH DEPARTMENT

WILLIAM F. HILL, JR., M.D.
DIRECTOR
P. O. BOX 1480
229 AVENUE D, N. W.
WINTER HAVEN, FLORIDA
33880

DISTRICT OFFICES

1755 HIGHWAY 17, SOUTH
BARTOW, FLORIDA
BOX 691
HAINES CITY, FLORIDA
P. O. BOX 334
LAKE WALES, FLORIDA
103 EAST CANAL STREET
MULBERRY, FLORIDA

DISTRICT OFFICES

1333 NORTH FLORIDA AVE.
LAKELAND, FLORIDA
P. O. BOX 33
WAVERLY, FLORIDA
2 NORTH REEDY BLVD.
FROSTPROOF, FLORIDA
243 E. LAKE AVENUE
AUBURNDALE, FLORIDA

June 7, 1979

John Statzer

(b) (6)

RE: (b) (6)

Dear Mr. Statzer:

As requested a gamma survey was performed on lot (b) (6) of the (b) (6) (b) (6). The gamma exposure levels measured were equal to or marginally exceeding the 10 Micro-Roentgen per hour level.

This 10 MR/hr level was selected by the Environmental Protection Agency as an interim guideline level for the construction of new structures. Since the levels measured on lot #74 are equal or marginally exceeding this level, the decision on new construction shall rest on further data collection or developer discretion.

Please contact this office if we can be of further assistance.

Sincerely,

Norman M. Gilley
Public Health Physicist

NMG:dlb

POLK COUNTY HEALTH DEPARTMENT

FIELD REPORT ON Mr John Statzer (b) (6)
TOWN VISITED Lakeland DATE 6 June 79
OWNER OF PROPERTY (b) (6) PERSON SEEN (b) (6)
BY WHOM N M Gilley TIME SPENT ~ 1 hr
REASON FOR VISIT Requested Gamma Survey

- REPORT: - **(b) (6)**
- Measurement by Kueter Stokes, Pressurized Ion Chamber
 - All exposure levels were ≥ 9 micro R/hr and ≤ 12 micro R/hr for 13 Readings
 - Adjacent lots were also surveyed and the levels were of equal values
 - Sand Tailings and Clays were encountered on this SJD

Mr Keaton;

30 May 79

Re: our telephone conversation
on 30 May 79; This letter gives
permission and requests that,
(b) (6)

be checked for possible excessive
radiation. (reclaimed phosphate land)

(b) (6)

I am ready 'to' start
construction of a new house on
this lot, and would appreciate
a quick report on this property.

Thank You

(b) (6)

POLK COUNTY HEALTH DEPARTMENT

FIELD REPORT ON (b) (6)

TOWN VISITED Lakeland

DATE 17 MAY 77

(b) (6)

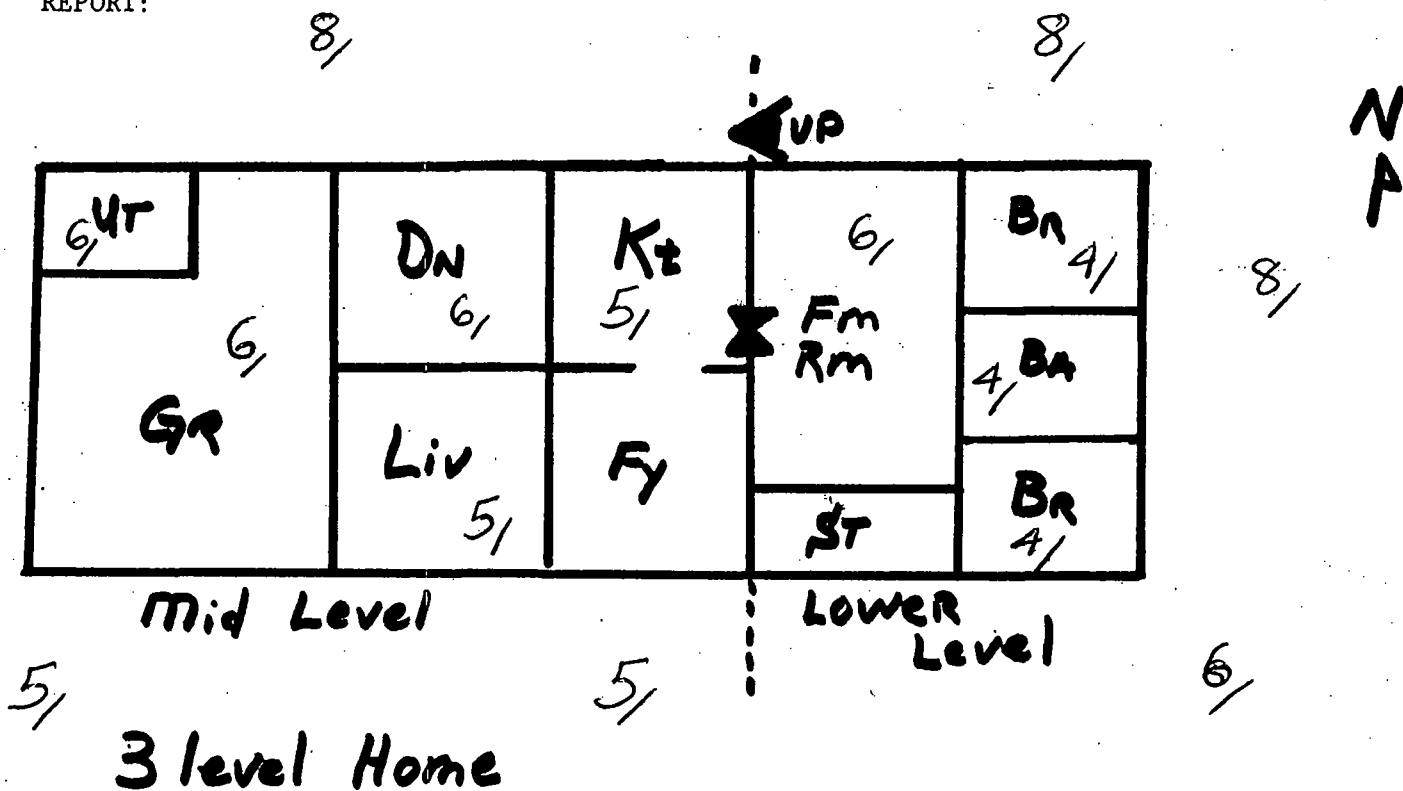
PERSON SEEN John McClellan

BY WHOM N. M. Gilley

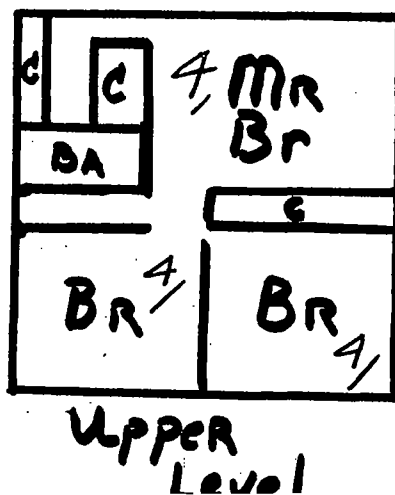
TIME SPENT 1 hour

REASON FOR VISIT GAMMA SCREEN SURVEY REQUEST

REPORT:



SAN 17



All Reading ARE in
micro R/hr as per
Ludlum 125 #3644

FILE CODE Gamma Survey

DATE 2-4-86

NAME MARY MOYE (Realtor) PHONE 694-7561 ADDRESS (b) (6)

TYPE OF REQUEST Requests & survey on home to be sold. If needed, would like radon test performed. (currently Victoreen TLD Reader is out for repairs)

CONDITIONS FOUND AND ACTION TAKEN Tues, 2-4-86, 10:00AM - & survey

(See back)

INVESTIGATED BY Tom McHally DATE 2-4-86
RAD/9 Radiological Health Investigation and Complaint Card

DATE	REMARKS ON FOLLOW-UP VISITS	INITIAL
------	-----------------------------	---------

	LUDUM	Actual
<u>OUTSIDE</u>	SN 4633	Values
	WR/WR	WR/WR
FRONT / PORCH	14-15	13-14
FRONT - S	14-16	13-15
" - N	15-16	14-15
SIDE - S	16	15
SIDE - N	14-16	13-15
BACK - S	12-15	12-14
" - N	10-13	10-13

INSIDE

FAM RUN	7-8
K/DR	7-8
ATTUM	11-13
REAR/LR	10- (8-10)

DISTRICT SIX
POLK COUNTY PUBLIC HEALTH UNIT

DIRECT SERVICE UNITS

1755 HOLLAND PKWY SOUTH
BARTOW, FLORIDA 33830111 NORTH 11TH STREET
HAINES CITY, FLORIDA 33844G.A. REICH, M.D. M.P.H.
DIRECTOR229 AVENUE D N.W.
P.O. BOX 1480
WINTER HAVEN, FLORIDA
33882-1480

DIRECT SERVICE UNITS

1333 NORTH FLORIDA AVENUE
LAKELAND, FLORIDA 33805305 WEST CENTRAL AVENUE
LAKE WALES, FLORIDA 33853

Merrie Ayers Moye
Regal Real Estate
201 Christina Blvd.
Lakeland, Fla. 33803

Dear Ms. Moye:

This letter is in response to your request for a radiation survey of the house located at 65 Shadow Lane, Christina. As discussed with you at the time of the survey on Feb. 4, 1986, only a gamma rate survey could be performed at this time due to the fact that our equipment for determining radon-daughter concentration was out for repair.

Gamma exposure rates of 10 to 15 micro-R per hour ($\mu\text{R/hr}$) were measured around the outside of the house while 8 to 10 $\mu\text{R/hr}$ was common for the inside of the house. The proposed limit for gamma exposure rate inside the house by the State of Florida is 20 $\mu\text{R/hr}$ while the radon daughter concentration limit is set at 20 milli-Working-levels (mWL) - on a yearly average.

From the survey it can be seen that no problem exists so far as gamma exposure rates being exceeded inside the house. As to whether the radon daughter level will be below the 20 mWL guideline, I can not say at this time. Generally we feel that a house that is built on ground that is equal to or less than 10 $\mu\text{R/hr}$ will also have a radon daughter level of less than 20 mWL. At gamma rates higher than 10 $\mu\text{R/hr}$ it is hard to predict what the radon daughter concentration will be.

We would be glad to come back and measure for radon daughter concentration once our equipment has been repaired. Until such time, you might try calling the Orlando Radiation Control Office to see if they could perform this measurement for you. Their phone number is 305-299-0580. If you have any further questions, please do not hesitate to call.

Sincerely,

Tom McNally
Public Health Physicist



Real Estate, REALTOR®



MERRIE AYERS MOYE

REALTOR-Associate

Evenings: (813) 956-1204

Christina Office
813/644-7561

201 Christina Boulevard
Lakeland, Florida 33803

FILE CODE RAD HEALTH-GAMMA SURVEY DATE 6/18/79 Christina

NAME William McCabe PHONE (b) (6)

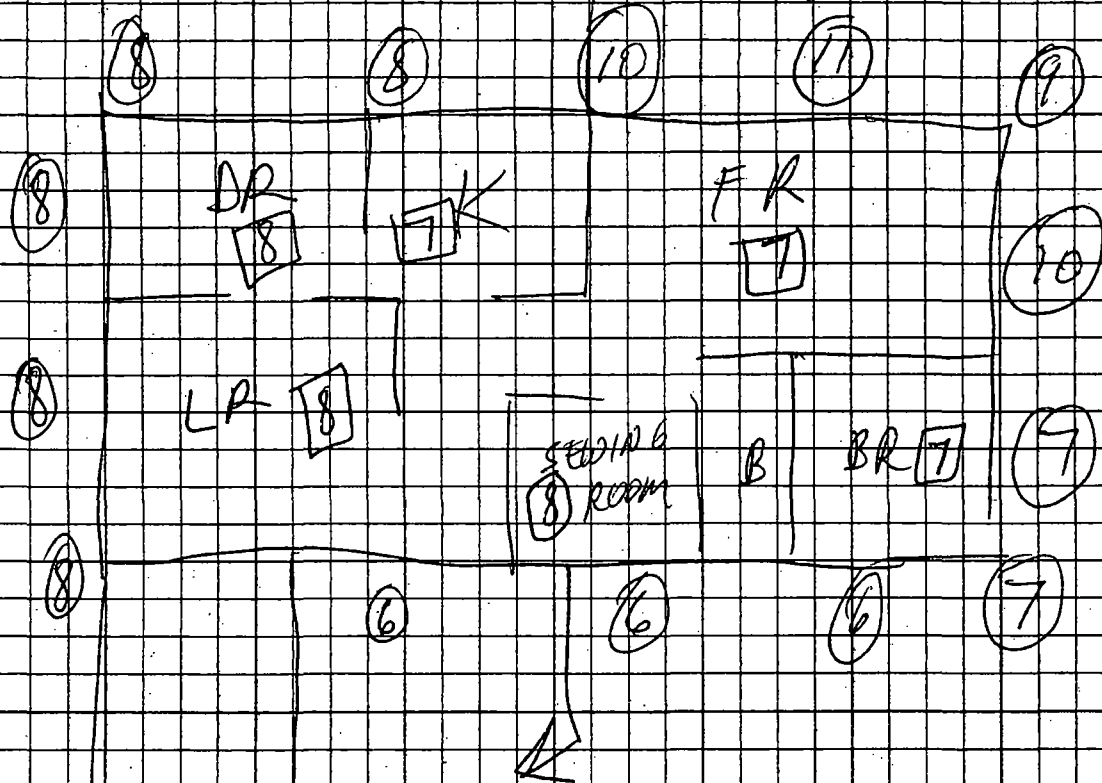
TYPE OF REQUEST WANTS home checked

CONDITIONS FOUND AND ACTION TAKEN LIL GAMMA SURVEY

INSIDE AND OUTSIDE, HAD READINGS UP TO
11 uR/hr OUTSIDE, HOWEVER THE AVG WAS
8 uR/hr, THE AVG. READING INSIDE WAS
7.5 uR/hr NO REPSU INSTALLED. EXPLAINED
RESULTS TO OWNER

INVESTIGATED BY KBM DATE 6/29/79
RAD/9 Radiological Health Investigation and Complaint Card

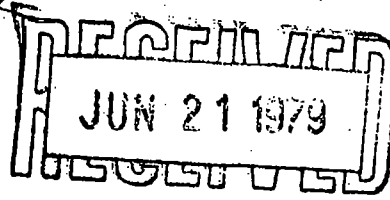
crawl space



2 O'CLOCK

June 18, 1979

(b) (6)



Mr. Hallan Keaten
Polk Co. Health Dept.
Winter Haven, Fl. 33880

word.

where?

Dear Mr. Keaten:

I would like to request the health department to come into my home and make any necessary tests there for indoor radiation levels. I live on reclaimed phosphate land in the (b) (6)

(b) (6)

I will be out of town until Mon., June 25, but would appreciate it if we could make an appointment shortly thereafter if your schedule permits. My home phone is (b) (6)

Thank you.

Sincerely,

(b) (6)

FILE CODE RAD Health

DATE APR 27 80

NAME Mr James Valleriani PHONE (b) (6)

TYPE OF REQUEST Gamma Survey

CONDITIONS FOUND AND ACTION TAKEN House & Grounds surveyed 3 May 80
No levels exceeding 7 microR/hr were encountered
Mr Valleriani was counseled about the levels measured

INVESTIGATED BY NM G.H. / WTN DATE 3 May 80
RAD/9 Radiological Health Investigation and Complaint Card

April 24, 1980

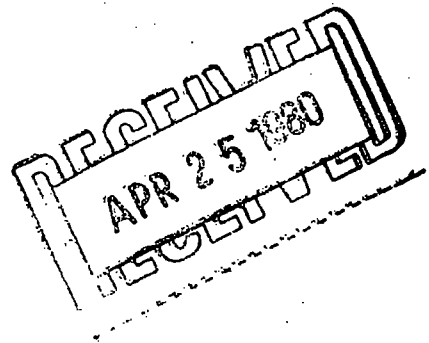
Dear Sir,

I would like for you to come out and have my house checked for radiation. The house is in the highlands, it is on the corner of Live Oak & Triestram.

Sincerely,

After 1:00pm

(b) (6)



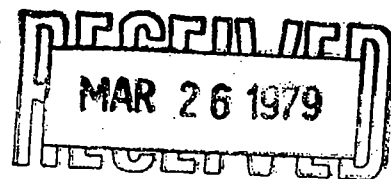
POLK COUNTY HEALTH DEPARTMENT

FIELD REPORT ON MR & MRS Valerio (b) (6)
TOWN VISITED Lakeland DATE 26 May 79
OWNER OF PROPERTY (b) (6) PERSON SEEN _____
BY WHOM AMGitz / JWNall TIME SPENT 20 minutes
REASON FOR VISIT Gamma Survey

REPORT: At no time did the exposure rate, expressed as micro Roentgens per hour, exceed 7 mR/hr.

SPEIR CONSTRUCTION COMPANY

1820 SOUTH COMBEE ROAD - LAKELAND, FLORIDA 33801



March 22, 1979

Mr. Moore
Radiology Occupation
P.O. Box 1480
Winter Haven, Florida 33880

Dear Mr. Moore,

Permission is granted to you to go on the property :

(b) (6)

Thank You,

(b) (6)

JWS/aw